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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/578,672

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Cynthia A. Donovan

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7590

07/20/2006

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EXAMINER

MIRZA, ADNAN M

ART UNIT

PAPER NUMBER

2145

DATE MAILED: 07/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/578,672	Applicant(s) DONOVAN ET AL.	
	Examiner Adnan M. Mirza	Art Unit 2145	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 May 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-31 rejected under 35 U.S.C. 103(a) as being unpatentable over Christensen (U.S. 6,330,605) and Kavner (U.S. 6,366,947).

As per claims 1,14 Christensen disclosed a method of processing a first request for web page, comprising: receiving the first request for the web page (col. 4, lines 60-67);

However Christensen did not go in details of transmitting, to a device from which the first request was received, at least one command to send a second request for the web page, and a first timestamp.

In the same field of endeavor Kavner disclosed the browser issues a GET <resource> request to the server with If-Modified-Since tag contains the date/time-stamp of the resource in the browser's cache (col. 4, lines 22-28). The third step issues a "CONNECT" command (sub step). Thereafter, the browser waits for confirmation of connection from the server such as host server (col. 9, lines 39-41).

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to have incorporated the browser issues a GET <resource> request to the server with If-Modified-Since tag contains the date/time-stamp of the resource in the browser's cache. The third step issues a "CONNECT" command (sub step). Thereafter, the browser waits for confirmation of connection from the server such as host server as taught by Kavner in the method of Christensen to increase the availability of the services offered by the service provider and also alleviating time consuming activities.

3. As per claims 2,15 Christensen-Kavner disclosed wherein the transmitting step is responsive to an existence of a second timestamp received with the request (Kavner, col. 5, lines 38-43).

4. As per claim 3,16,28 Christensen-Kavner disclosed comprising the additional steps of: identifying a third timestamp; and responsive to the second timestamp received with the request, processing the request for the web page responsive to the second timestamp and the third timestamp (Kavner, col. 5, lines 38-43).

5. As per claims 4,17 Christensen-Kavner disclosed wherein the identifying the third timestamp step is responsive to a capacity of at least one selected from at least one server and a device coupled to the at least one server (Kavner, col. 9, lines 23-42).

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6. As per claims 5,18 Christensen-Kavner disclosed incrementing at least one of a plurality of counters responsive to the first request (col. 13, lines 39-49).

7. As per claims 6,19 Christensen-Kavner wherein each of the plurality of counters corresponds to a range of time different from the other plurality of counters (Kavner, col. 9, lines 23-42).

8. As per claims 7,20 Christensen-Kavner disclosed wherein the identifying the third timestamp step is additionally responsive to at least one of the plurality of counters (Kavner, col. 5, lines 38-43).

9. As per claims 8,21 Christensen-Kavner disclosed comprising the additional steps of receiving a notification of abandonment of at least one selected from the first request and the second request; and decrementing at least one of the plurality of counters (Christensen, col. 9, lines 39-56).

10. As per claims 9,10,22,23 Christensen-Kavner disclosed wherein the identifying the third timestamp step comprises sending a command to at least one selected from at least one server and a device coupled to the at least one server (Kavner, col. 9, lines 23-42).

11. As per claims 11,24 Christensen-Kavner disclosed wherein the transmitting step is responsive to a type of the first request (Christensen, col. 4, lines 60-67).

12. As per claims 12,25,30 Christensen-Kavner additionally comprising transmitting computer readable program code devices configured to cause a computer to send the second request responsive to the indicator transmitted (Christensen, col. 5, lines 36-43).

13. As per claims 13,26,31 Christensen-Kavner disclosed wherein the computer readable program code devices configured to cause the computer to send the second request responsive to the indicator transmitted comprise at least one selected from a Java script and a Java applet (Christensen, col. 4, lines 27-39).

14. As per claim 27 Christensen-Kavner disclosed a user request router having an input coupled to an apparatus input operatively coupled for receiving the first request (Christensen, col. 4, lines 60-67), the user request router for providing at an output a signal responsive to the first request received at the user request router input (Kavner, col. 4, lines 22-28); and a cookie/applet generator having an input coupled to the user request router output for receiving the signal, the cookie/applet generator for providing a first output coupled to an apparatus output a first indicator of at least one time to send a second request for the web page (Christensen, col. 4, lines 43-56).

15. As per claim 29 Christensen-Kavner disclosed wherein the cookie/applet generator provides at a second output a third indicator of time corresponding to the first indicator of time, the apparatus additionally comprising: a stroke count storage for having an input coupled to the

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cookie/applet generator third output for receiving the third indicator of time (Christensen, col. 6, lines 3-14), the stroke count storage for storing the third indicator of time and a set of fourth indicators of time and for providing the third indicator of time and the set of fourth indicators of time at an input/output; and a cutoff timestamp calculator having an input operatively coupled for receiving an indicator of capacity (Christensen, col. 4, lines 1-14), the cutoff timestamp calculator for selecting and providing at an output a timestamp from the set of fourth indicators of time responsive to the capacity; and wherein the user request router additionally comprises a cutoff timestamp input coupled to the cutoff timestamp calculator output and the user request router provides the signal additionally responsive to the timestamp received at the cutoff timestamp input (Christensen, col. 9, lines 39-67).

Response to Arguments

Applicant's arguments filed 05/03/2006 have been fully considered but they are not persuasive.

Response to applicant's arguments are as follows.

16. Applicant argued that prior art did not disclose, "transmitting to a device from which the first request was received, at least one command to send a second request for the web page, and a first timestamp".

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As to applicant's argument, the claim language itself very vague according to the applicant's specification there is re-request command but that is different from the sending a second request according to the claim language. Kavner disclosed "the browser issues a GET <resource> request to the server with If-Modified-Since tag contains the date/time-stamp of the resource in the browser's cache (col. 4, lines 22-28). The third step issues a "CONNECT" command (sub step). Thereafter, the browser waits for confirmation of connection from the server such as host server". Claim language doesn't disclose clearly that the second request is coming from the same device. One ordinary skill in the art at the time of the invention can interrupt "GET" as command to send a request If certain value changes.

17. Applicant argued that prior art did not disclose, "a cookie applet generator".

As to applicant's argument Christensen disclosed, "In order to effectively speed-up access to the service provider and reduce the retrieval time for stored services, cache server. FIG. 2, is a highly schematized diagram of software components of the web server including an operating system having utility programs that interact with various application programs to provide, i.e storage interface and network interface (col. 4, lines 45-53). One ordinary skill in the art at the time of the invention knows that proxy is also interpreted as cookie.

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18. Applicant argued that prior art did not disclose sending as indicator of the time to send the request as claimed.

As to applicant's argument Christensen disclosed when a PCC configuration change is pending, a PMM attempts to resolve the pending transaction by delivering cluster messages using the alert timer (col. 10, lines 48-51).

Conclusion

19. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

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20. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

21. The examiner can normally be reached on Monday to Friday during normal business hours. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571)-272-3933. The fax for this group is (703)-746-7239. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

22. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866)-217-9197 (toll-free).



Adnan Mirza

Examiner



JASON CARDONE
SUPERVISORY PATENT EXAMINER